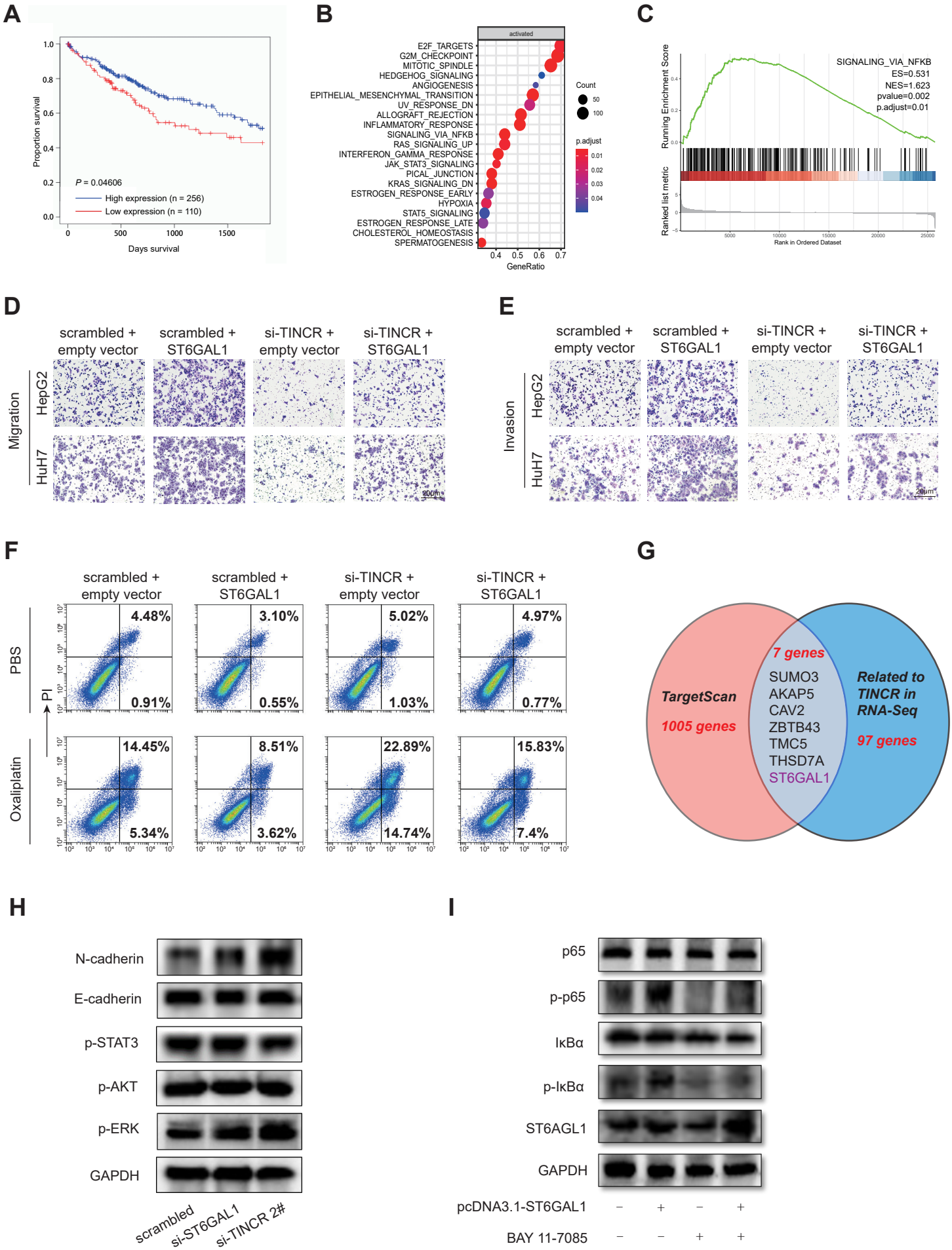
A
Proportion survival
Days survival
P = 0.04606
High expression (n = 256)
Low expression (n = 110)
B
activated
E2F_TARGETS
G2M_CHECKPOINT
MITOTIC_SPINDLE
HEDGEHOG_SIGNALING
ANGIOGENESIS
EPITHELIAL_MESENCHYMAL_TRANSITION
UV_RESPONSE_DN
ALLOGRAFT_REJECTION
INFLAMMATORY_RESPONSE
SIGNALING_VIA_NFKB
RAS_SIGNALING_UP
INTERFERON_GAMMA_RESPONSE
JAK_STAT3_SIGNALING
PICAL_JUNCTION
KRAS_SIGNALING_DN
ESTROGEN_RESPONSE_EARLY
HYPOXIA
STAT5_SIGNALING
ESTROGEN_RESPONSE_LATE
CHOLESTEROL_HOMEOSTASIS
SPERMATOGENESIS
GeneRatio
Count
p.adjust
C
SIGNALING_VIA_NFKB
ES=0.531
NES=1.623
pvalue=0.002
p.adjust=0.01
Running Enrichment Score
Ranked list metric
Rank in Ordered Dataset
D
scrambled + empty vector
scrambled + ST6GAL1
si-TINCR + empty vector
si-TINCR + ST6GAL1
Migration
HepG2
HuH7
E
Invasion
F
PBS
Oxaliplatin
PI
4.48%
0.91%
3.10%
0.55%
5.02%
1.03%
4.97%
0.77%
14.45%
5.34%
8.51%
3.62%
22.89%
14.74%
15.83%
7.4%
G
TargetScan
1005 genes
7 genes
SUMO3
AKAP5
CAV2
ZBTB43
TMC5
THSD7A
ST6GAL1
Related to TINCR in RNA-Seq
97 genes
H
N-cadherin
E-cadherin
p-STAT3
p-AKT
p-ERK
GAPDH
scrambled
si-ST6GAL1
si-TINCR 2#
I
p65
p-p65
IκBα
p-IκBα
ST6AGL1
GAPDH
pcDNA3.1-ST6GAL1
BAY 11-7085